

Appl. No. 10/525,128
Amdt. dated January 4, 2007
Reply to Office Action of October 10, 2006

Amendments to the Claims:

1. (Cancelled)

2. (Cancelled)

3. (New) A device for controlling the direction of gas or air flow in the in-and-out breathing zone of a respirator which has a patient side end segment, said device comprising:

a) a single filter for filtering both inspirator and expirator air;

b) an aerosol producing atomizer positioned in said breathing zone between said filter and said end segment,

c) by-pass valve means adjacent said atomizer for guiding air through the atomizer as the air flows in one direction to the patient and for by-passing said atomizer as air flows in the other direction.

4. (New) A device for controlling air or gas flow in an aerosol producing atomizer positioned in the in-and-out breathing zone of a respirator having a patient side end segment, said device comprising:

a) a by-pass valve, said valve being time controlled by the respirator to close and prevent aerosol from filling the dead space volume, and

b) a single filter for both the inspiration and expiration of air, said atomizer being located between said filter and said patient side end segment so that the patient end segment is close to the atomizer.